CLAIMS

What is claimed is:

1. A method of servicing companies associated with a spray device operating under guidelines of a regulatory body, the method comprising:

capturing in vitro actuation data associated with operation of a spray device; and

distributing the data to a company associated with an aspect of the spray device for testing the spray device to ensure continued compliance with prior approval of the spray device by a regulatory body.

2. The method according to claim 1 further including converting the data to parameters and distributing the data in the form of the parameters.

3. The method according to claim 1 wherein the spray device includes a stationary part and a movable part, and wherein the data includes a mechanical relationship between the stationary part and the movable part versus time.

4. The method according to claim 3 further including measuring position, velocity, or acceleration relationships between the stationary part and the movable part.

5. The method according to claim 1 wherein capturing the in vitro actuation data includes sorting the data based on in vitro age groups.

6. The method according to claim 1 wherein capturing the in vitro actuation data includes determining a minimum number of priming strokes by hand actuation.

7. The method according to claim 1 wherein capturing the in vitro actuation data includes determining actuation parameter ranges by hand actuation.

8. The method according to claim 1 wherein capturing the in vitro actuation data includes determining an initial estimation of delivery performance congruency between hand and automated actuation.

9. The method according to claim 8 further including adjusting automated actuation parameters associated with the automated actuation to achieve a desired shot weight and to determine acceptable ranges.

10. The method according to claim 1 wherein distributing the data includes providing the data in a format executable by a machine configured to actuate the spray device in an automated manner.

11. The method according to claim 1 wherein the prior approval is a clinical trial approval.

12. The method according to claim 1 wherein the company is a drug development company.

13. The method according to claim 1 wherein the company is a spray device manufacturer.

14. The method according to claim 1 wherein the company is a testing service provider.

15. The method according to claim 1 wherein the regulatory body is the Food and Drug Administration (FDA).